



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

INSPECTION REPORT

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Governor

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Partial: X Complete: Exploration:

Inspection Date & Time: Aug. 30, 2000, 10:30 AM to 1:40 PM

Date of Last Inspection: July 27, 2000

Mine Name: Hiawatha Complex County: Carbon Permit Number: ACT/007/011

Permittee and/or Operator's Name: Hiawatha Coal Company

Business Address: P. O. Box 1202, Huntington, Utah 84528

Type of Mining Activity: Underground X Surface Prep. Plant Other

Company Official(s): Nate Finley

State Official(s): Paul Baker Federal Official(s): None

Weather Conditions: Cloudy, 70's, Thunderstorms

Existing Acreage: Permitted 12707 Disturbed 290 Regraded Seeded

Status: Exploration Active X Inactive Temporary Cessation Bond Forfeiture

Reclamation (Phase I Phase II Final Bond Release Liability Year)

REVIEW OF PERMIT, PERFORMANCE STANDARDS & PERMIT CONDITION REQUIREMENTS

Instructions

- Substantiate the elements on this inspection by checking the appropriate performance standard.
 - For complete inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check N/A.
 - For partial inspections check only the elements evaluated.
- Document any noncompliance situation by referencing the NOV issued at the appropriate performance standard listed below.
- Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
- Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	<u>EVALUATED</u>	<u>N/A</u>	<u>COMMENTS</u>	<u>NOV/ENF</u>
1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. SIGNS AND MARKERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. TOPSOIL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. HYDROLOGIC BALANCE:				
a. DIVERSIONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. SEDIMENT PONDS AND IMPOUNDMENTS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. OTHER SEDIMENT CONTROL MEASURES	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. WATER MONITORING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. EFFLUENT LIMITATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. EXPLOSIVES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. DISPOSAL OF EXCESS SPOIL/FILLS/BENCHES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. COAL MINE WASTE/REFUSE PILES/IMPOUNDMENTS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. NONCOAL WASTE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL ISSUES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. SLIDES AND OTHER DAMAGE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. CONTEMPORANEOUS RECLAMATION	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. BACKFILLING AND GRADING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. REVEGETATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. SUBSIDENCE CONTROL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. CESSATION OF OPERATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16. ROADS:				
a. CONSTRUCTION/MAINTENANCE/SURFACING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. DRAINAGE CONTROLS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. OTHER TRANSPORTATION FACILITIES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. SUPPORT FACILITIES/UTILITY INSTALLATIONS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS CHECK (4 th Quarter- April, May, June)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. AIR QUALITY PERMIT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21. BONDING & INSURANCE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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PERMIT NUMBER ACT/007/011

DATE OF INSPECTION August 30, 2000

(COMMENTS ARE NUMBERED TO CORRESPOND WITH TOPICS LISTED ABOVE)

1. PERMITS, CHANGE, TRANSFER, RENEWAL, SALE

On July 6, 2000, the Division received amendment LF00B which would update the list of officers of one of the companies that owns or controls the permittee. Once the Division receives information about when these officers assumed their positions, the amendment can be approved.

3. TOPSOIL

Because of the recent wet weather, the operator has temporarily stopped putting soil on the refuse pile.

4a. DIVERSIONS

We checked all the diversions in South Fork both for maintenance and to see if they matched the plan. We found a few places where ditches may not have matched the plan precisely, but there was enough variability that it would be difficult to say they did not comply with the plan. However, I did not see evidence that they were not conveying water properly.

Ditches DD-58 and UD-49 are supposed to have 9- and 6-inch riprap, respectively. In both cases, the riprap was questionable. These ditches have basically eroded down into rock that appears to be stabilizing the bottoms of the ditches. There is some rock on the sides, but it does not appear to be riprap that was properly installed. Both of these ditches are next to the road, so there is potential for undercutting the road. I plan to monitor these ditches closely, but the operator needs to consider more long-term protection.

Just uphill from culvert 45 is about a 6-inch steel pipe culvert coming from a depression in the conveyor area. This culvert is functional, but it is not shown on Exhibit VII-18B.

The area has obviously had rain in the past few days, and Mr. Finley said one of the storms dropped about 0.7 inches in an hour. Most of the culverts were in good shape, but a few, particularly 27 and 28 near the loadout, needed maintenance.

The berm on the road below the upper rail yard sediment pond had not yet been repaired.

In Middle Fork, we did not check diversions thoroughly, but we did drive through looking for obvious problems. A few months ago, the operator built a berm on one side of the coal stockpile area so water would flow toward the south and a designed ditch. The berm needs to be repaired.

Water from a small area of the main pad has been able to flow down the hill to the coal stockpile area. The plan shows no ditch or berm in the area, but it would be easy to divert the water toward DD-21 which would help keep the slope above the stockpile area from eroding as much.

Next month, I intend to look more closely at the diversions in Middle Fork to see if they meet the designs in the plan.

4c. OTHER SEDIMENT CONTROL MEASURES

Above the South Fork mine yard is a road leading to a water tank. This area is classified as an alternate sediment control area with vegetation as the sediment control. The area is shady and normally has a lot of Kentucky bluegrass, but it appears cattle like the shade. The grass has been grazed heavily enough that it

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is no longer effective for erosion control. The operator needs to either keep the cattle out of this area or install another form of sediment control, such as a couple of silt fences.

13. REVEGETATION

The operator has done a lot of work to control musk thistle. We found some plants around, but there were far fewer than I've seen the past. The more plants are eliminated, the less the problem will be.

16b. ROAD DRAINAGE CONTROLS

I didn't see any problems with maintenance of the ditches and culverts along the South Fork road, but it appears the map is not completely accurate. Just above culvert 45 is an 18-inch culvert that is not shown on the map. We drove along the road several times trying to make sure we had found all the culverts, but what we found did not match the map. Below culvert 45, we found, in order, culverts of 24, 30, 36, 24, and 24 inches. The map shows culverts of 30, 24, 24, 36, 24, and 24 inches. It is possible we did not see one of the culverts, but even if we missed one, the sizes don't match for the others. The operator needs to check the map, and it may be necessary to revise the plan.

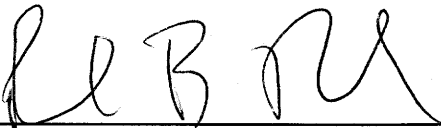
Note: This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas & Mining.

Copy of this report:

Mailed to: James Fulton, OSM
Elliott Finley, Hiawatha Coal

Given to: Pamela Grubaugh-Littig, DOGM

Inspector's Signature: _____


Paul B. Baker # 41

Date September 14, 2000

sd
cc: Price Field office
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